



CERTIFICATE OF MAILING

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B. C. H.
Attorney for Applicant(s)

PATENT APPLICATION
Docket No.: SJ0920000145US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Tsann Lin and Daniele Mauri

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) Group Art

) Unit: 1775

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Serial No.: 10/040,061

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JAN 29 2004
TC 1700

Filing Date: January 4, 2002

For: A SPIN-VALVE SENSOR WITH PINNING LAYERS
COMPRISING MULTIPLE ANTIFERROMAGNETIC
FILMS

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner
for Patents
Washington, D.C. 20231

Sir:

This Information Disclosure Statement discloses information which has come to the attention of applicant and his attorneys and is being submitted so as to comply with the duty of disclosure set forth in 37 C.F.R. § 1.56.

The cited art is new art that applicant and its attorneys have recently become aware of. Neither applicant nor his attorneys make any representation that any information disclosed herein may be "prior art" within the meaning of that term under 35 U.S.C. §§ 102 or 103. Moreover, pursuant to 37 C.F.R. § 1.97, the filing of this Information Disclosure Statement shall not be

information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

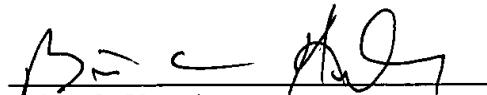
In accordance with 37 C.F.R. § 1.98, this Information Disclosure Statement includes and is accompanied by:

1. A completed copy of Form PTO-1449 listing the patents, publications and other information being submitted for consideration;

NON-ENGLISH INFORMATION

Pursuant to 37 C.F.R. § 1.98, following is a concise explanation of the relevance (as it is presently understood by the individual designated in 37 C.F.R. § 1.56(c) most knowledgeable about the content of the information), of each listed patent, publication or other information that is not in the English language.

Respectfully submitted,



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Page 1 of 1

FORM PTO-1449		SERIAL NO.	ATTORNEY DOCKET NO.
		10/040,061	SJO920000145US1
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		FILING DATE	GROUP ART UNIT
(use several sheets if necessary)		January 13, 2004	1775
APPLICANT(S): Tsann Lin and Daniele Mauri			

TC 1700

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINE R INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
	A1	2001/0013997	08/16/2001	Sasaki et al.	360/317	12/27/2000
	A2	2002/0024780	02/28/2002	Mao et al.	360/324.11	07/17/2001

FOREIGN PATENT DOCUMENTS

EXAMINE R INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION	
						YES	NO

NON-PATENT DOCUMENTS

EXAMINE R INITIAL		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).